

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



10/531759



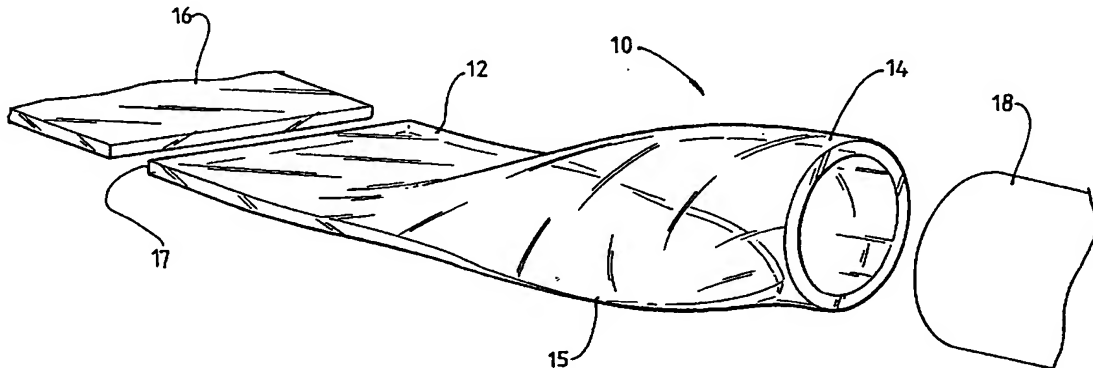
(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/038465 A1

- (51) International Patent Classification⁷: G02B 6/00, F21V 8/00, F21S 11/00, 8/00 (74) Agent: GRIFFITH HACK; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).
- (21) International Application Number: PCT/AU2003/001415 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 24 October 2003 (24.10.2003)
- (25) Filing Language: English (26) Publication Language: English
- (30) Priority Data: 2002952276 24 October 2002 (24.10.2002) AU (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): UNIVERSITY OF TECHNOLOGY [AU/AU]; BROADWAY, New South Wales 2007 (AU).
- (72) Inventors; and (73) Inventors/Applicants (*for US only*): FRANKLIN, James, Bruce [AU/AU]; St Paul's College, 9 City Road, Camperdown, New South Wales 2050 (AU). SMITH, Geoffrey, Burton [AU/AU]; 30 Crandon Road, Epping, New South Wales 2121 (AU).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A LIGHT TRANSFER COMPONENT



(57) Abstract: The present invention provides a light transfer component formed from a material that is transparent for light of a predetermined range of wavelengths. The light transfer component comprises a first substantially flat portion, a second rounded portion, and an intermediate portion disposed between the first and the second portion. The light transfer component is arranged for guiding light from the first portion through the intermediate portion to the second portion in a manner such that the light will not experience a reduction in cross-sectional area of more than 20 % of the material through which it is guided.

WO 2004/038465 A1